

Title (en)  
FINELY DISPERSED EMULSIFIER-FREE SYSTEMS OF THE OIL-IN-WATER AND WATER-IN-OIL TYPE

Title (de)  
EMULGATORFREIE FEINDISPERSE SYSTEME VOM TYP ÖL-IN-WASSER UND WASSER-IN-ÖL

Title (fr)  
SYSTEMES FINEMENT DISPERSES SANS EMULSIFIANT, DU TYPE HUILE DANS EAU ET EAU DANS HUILE

Publication  
**EP 1098624 A1 20010516 (DE)**

Application  
**EP 99938319 A 19990722**

Priority  
• DE 19834821 A 19980801  
• EP 9905241 W 19990722

Abstract (en)  
[origin: DE19834821A1] The invention relates to cosmetic or dermatological preparations constituting finely dispersed systems of the oil-in-water or water-in-oil type and containing: 1) an oil phase; 2) an aqueous phase; 3) at least one modified polysaccharide, which (a) has both hydrophilic and lipophilic properties and also has an amphiphilic character and can therefore be dispersed in both water and oil and (b) has no thickening properties; and 4) no more than 0.5 % by weight of one or more emulsifiers; as well as possibly other cosmetic or pharmaceutical aids, additives and/or active ingredients.

IPC 1-7  
**A61K 7/00**; **A61K 7/48**

IPC 8 full level  
**A61K 8/04** (2006.01); **A61K 8/06** (2006.01); **A61K 8/19** (2006.01); **A61K 8/25** (2006.01); **A61K 8/29** (2006.01); **A61K 8/72** (2006.01); **A61K 8/73** (2006.01); **A61K 8/92** (2006.01); **A61K 47/02** (2006.01); **A61K 47/36** (2006.01); **A61K 47/44** (2006.01); **A61Q 17/04** (2006.01); **A61Q 19/00** (2006.01)

CPC (source: EP US)  
**A61K 8/0241** (2013.01 - EP US); **A61K 8/06** (2013.01 - EP US); **A61K 8/732** (2013.01 - EP US); **A61Q 17/04** (2013.01 - EP US); **A61Q 19/00** (2013.01 - EP US); **A61K 2800/33** (2013.01 - EP US); **A61K 2800/412** (2013.01 - EP US); **A61K 2800/654** (2013.01 - EP US)

Citation (search report)  
See references of WO 0007547A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19834821 A1 20000203**; EP 1098624 A1 20010516; JP 2002522362 A 20020723; US 2004018222 A1 20040129; US 6703029 B1 20040309; WO 0007547 A1 20000217

DOCDB simple family (application)  
**DE 19834821 A 19980801**; EP 9905241 W 19990722; EP 99938319 A 19990722; JP 2000563233 A 19990722; US 62754103 A 20030725; US 74449601 A 20010124